

Cables 450/750 V

H07Z-K



Description

These halogen free cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575 , being those suitable for setting up wiring installations for panels, especially when a low fume and corrosive gas emission and improved behaviour with temperature is required.

Reference Standards: UNE-EN 50525-3-41, EN 50525-3-41, IEC 60227-3

Applications

Suitable for the following installations:

- Meter centralization
- Premises with public attendance

Technical Characteristics

1. Conductor	Class V Electrolyte copper in accordance with UNE-EN 60228, EN 60228
2. Insulation	Thermosetting material with polyolefin base with low fume and corrosive gases emission, type EI-5 in accordance with UNE 21027-9 and HD 22.9S3:2007
Nominal voltage	450/750V
Test voltage	2.500 V A.C.
Maximum temperature	90 °C

Other characteristics

Colours in accordance with UNE 21027 and HD 22.1S4

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

Low halogen content in accordance with UNE 21027-9, HD 22.9S3:2007 and IEC 60754-1 and 60754-2-2

Low corrosive gases emission in accordance with UNE 21027-9, HD 22.9S3:2007 and IEC 60754-1 and 60754-2-2

Low opaque fume emission in accordance with UNE-EN 61034, EN 61034 and IEC 61034

Curvature radius up to 16mm²: 4 x external diameter

Curvature radius from 25mm² to 35mm²: 5 x external diameter

Curvature radius from 50mm² on: 6 x external diameter

CPR Classification according to EN 50575

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1,5	13,3	2,90	18	Dca- s2, d2, a2
1x2,5	7,98	3,50	29	Dca- s2, d2, a2
1x4	4,95	4,00	43	Dca- s2, d2, a2
1x6	3,3	4,50	59	Dca- s2, d2, a2
1x10	1,91	5,90	103	Dca- s2, d2, a2
1x16	1,21	6,85	153	Dca- s2, d2, a2
1x25	0,78	8,50	231	Dca- s2, d2, a2
1x35	0,554	9,80	316	Dca- s2, d2, a2
1x50	0,386	11,60	452	Dca- s2, d2, a2
1x70	0,272	13,45	639	Dca- s2, d2, a2
1x95	0,206	16,00	855	Dca- s2, d2, a2
1x120	0,161	17,80	1.102	Dca- s2, d2, a2
1x150	0,129	19,60	1.357	-
1x185	0,106	21,60	1.652	-
1x240	0,0801	24,15	2.092	-